



--Claim 1 (Amended) A lithium ion secondary battery comprising a positive electrode, a non-aqueous electrolyte, a separator and a negative electrode comprising a carbon material capable of charging and discharging lithium ions, said negative electrode containing at least one type of graphite material which satisfies the following conditions (a) and (b):

(a) when the BET specific surface area of the graphite material is represented by y (m^2/g) and the particle size by x (μm), the graphite material satisfies the following formula (II):

$$[y \leq 52x^{-0.6} \quad (4 \leq x \leq 40, 0.1 \leq y \leq 25) \quad \text{(I)}]$$

$$y \leq 42x^{-0.6} \quad (4 \leq x \leq 30, 0.1 \leq y \leq 20) \quad \text{(II)}$$

(b) in Raman spectroscopic analysis using argon ion laser light with a wavelength of 5,145 Å, the ratio of the strength of the peak existing in the region of 1,350-1,370 cm^{-1} (IB) to the strength of the peak existing in the region of 1,570-1,620 cm^{-1} , which is represented by an R value (IB/IA), is 0.001 to 0.2.

Claim 4 (Amended) A lithium ion secondary battery characterized by using as negative electrode an amorphous carbon-coated graphitic carbonaceous material prepared by coating the particle surfaces of a graphite material as defined in [any one of Claims 1-3] claim 1 with a carbonizable organic material, calcining and pulverizing the coated graphite material.

Kindly cancel claim 2 without prejudice.

In claim 3, last line, after "22" insert -- cm^{-1} --.

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